MTR No. 0098-H

EASTERN INSTRUMENTS

Material Test Report

Frozen Hashbrowns

CentriFlow®

CentriFlow®

Date Tested:	March 9, 2001	Temperature:	Frozen (16°F/-10°C)
Technician:	Alan Norman	Particle Size:	0.125" - 1.5"
Test Location:	Eastern Instruments	Flowability:	Average
CFM Model:	6" Type I CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	15 - 20 lbs/ft³
Feed System:	Vibratory Conveyor	Inhibit Setting:	0.200 Volts

Test #1 — **Percent of Volumetric Capacity = 25%**

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	2.62	2.63	1.002	0.006	0.23%
2	2.63	2.63	1.000	0.000	0.00%
3	2.62	2.62	1.001	0.002	0.08%
4	2.62	2.62	1.001	0.002	0.08%
5	2.89	2.90	1.003	0.010	0.35%
		Average:	1.0015		
		STD:	0.0014		
		% STD:	0.14%		

Additional Comments: Tested using a 6" CentriFlow® Type I Meter in the In-Line Flow Configuration. The run time was 10 seconds per batch.

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within ±0.50% of reading when operating within ± 10% of the calibrated flow rate, as long as the flow rate is within the operational range of the meter."

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